

Flexible/Low-Profile

Power Solution

for Medical / Healthcare Sensor Devices



EnerCera Rechargeable Battery optimized for Medical /Healthcare Sensor Devices

“High safety” x “Ultra-thin” x “Lightweight” x “Bendable”



Power management IC solution
specialized in battery operated designs

Best in class power efficiency and maximize battery life

Ultra-thin package “USP” offers “0.4mm” maximum height





EnerCera Rechargeable Battery

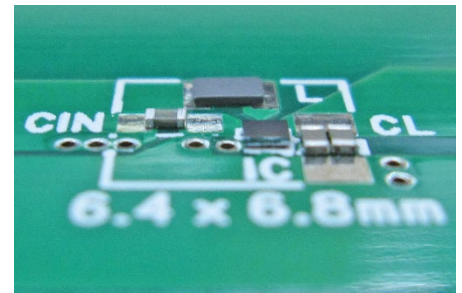
~ EnerCera Pouch EC / ET series ~

- High Safety
- Ultra-thin (0.45mm)
- Lightweight (<1g)
- Bendable

EC382704P-T: High-capacity model / 27mAh

ET382704P-H: Fast-charging model / 14min

Low degradation in over-discharge



XC9145 Boost Converter

400nA Iq, 90%+ EFFI from VBAT to 5V

0.4mm maximum height including passives

XC6194 Load SW for "SHIP MODE"

1nA Off-state current during shipping & storage

Minimize battery drain & Maximize shelf life

